

10/5/2000

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Supersedes Suppl. Spec. dated 2/24/98 & 10/8/99

S U P P L E M E N T A L S P E C I F I C A T I O N
A M E N D M E N T T O S E C T I O N 6 0 5 -- U N D E R D R A I N S

Amend 1.1 to read:

1.1 This work shall consist of furnishing (unless pipe is provided) and installing underdrains at the locations shown or ordered. Pipe, common structure excavation, support membrane, graded aggregate, sand cushion, and backfill where specified shall be included in this work.

Amend 2.3 to read:

2.3 Smooth-wall perforated and unperforated polyvinyl chloride pipe, bends and cleanouts shall conform to AASHTO M 278. Perforated polyvinyl chloride profile wall pipe shall conform to AASHTO M 304.

Add to 2.3:

2.3.1 Basis of acceptance and test requirements of polyvinyl chloride pipe shall conform to AASHTO M 278 or AASHTO M 304 for the respective type of pipe. Only approved manufacturers will be allowed to furnish plastic pipe. The approved list and the approval criteria can be obtained from the Bureau of Materials and Research. A certificate of compliance, as required by 106.04, shall be provided for each shipment.

Amend 2.4 to read:

2.4 Polyethylene drainage tubing 150 mm (6 in) in diameter shall conform to AASHTO M 252, Type S, with Class 2 perforations. Perforated corrugated polyethylene pipe of nominal sizes 300 to 900 mm (12 to 36 in) diameter shall conform to AASHTO M 294, with Class 1 perforations. Lengths for all sizes shall not exceed 6 m (20 ft).

Add to 2.4:

2.4.1 Basis of acceptance and test requirements of polyethylene pipe shall conform to AASHTO M 252 or AASHTO M 294 for the respective type of pipe. Only approved manufacturers will be allowed to furnish plastic pipe. The approved list and the approval criteria can be obtained from the Bureau of Materials and Research. A certificate of compliance, as required by 106.04, shall be provided for each shipment.

Amend 2.8 to read:

2.8 Molded pull boxes for underdrain flushing basins shall conform to 614.2.6.

Amend 2.10 to read:

2.10 Support membrane shall be non-woven geotextile and conform to Item 593.21 - Low Strength Geotextile, Non-woven.

Amend 3.6.1 to read:

3.6.1 Flushing basins shall be installed approximately 600 mm (2 ft) beyond the break in the shoulder and in such manner as to allow the molded pull box to be set within the slope limits.

Amend: 3.6.3 to read:

3.6.3 Additional 150 mm (6 in) unperforated pipe shall be added to the long 1/8 bend to bring the riser to the required elevation.

Amend: 3.6.4 to read:

3.6.4 After the fitting and 150 mm (6 in) riser pipe installation has been inspected and approved, underdrain backfill material shall be placed and properly compacted to a height which will allow for the proper installation of the cleanout and molded pull box. The remainder of the backfill and base course necessary shall then be placed to the required height and compacted. Care shall be taken to prevent backfill material from entering the riser pipes.

Delete 3.6.5

Amend 4.3.1 to read:

4.3.1 Each unit shall include all required riser pipe, 45^O wye, long bend, cross pipe, cleanout pull box and backfill material as required.

Amend 5.1 to read:

5.1 The accepted quantities of underdrain of the type specified will be paid for at the contract unit price per linear meter (linear foot) in place, including common structure excavation, sand cushion and backfill.

Amend 5.2 to read:

5.2 The accepted quantity of underdrain flushing basins will be paid for at the contract unit price per each complete in place, including riser pipe, 45^O wye, long bend, cross pipe, cleanout pull box, common structure excavation, and backfill.

Amend 5.3 to read:

5.3 The accepted quantities of aggregate underdrain of the type specified will be paid for at the contract unit price per linear meter (linear foot) in place, including support membrane, graded aggregate, pipe, if ordered, common structure excavation, and backfill.